

light labs facilities. Low building at right contains conference rooms for discussions with the many visitors anticipated. Entire Safeguards complex will be located just south of Bldgs. 894 and 892.

# **Construction Begins on Safeguards Facility**

Construction of what will be one of the country's major nuclear materials safeguards/security research and development centers begins today, September 23, at Sandia Laboratories.

First-phase construction consists of a \$1.7 million "Heavy Lab," which will permit evaluation and development of safeguards for rail, air, and highway transporters and containers for Special Nuclear Materials (strategic amounts of plutonium or highly enriched uranium), fuel assemblies, and weapons. The onestory, 20,710 square foot building, is scheduled for completion in April 1978.

The remainder of the complex will include another lab, offices, and a training, conference, and display center. Construction of this \$6.6 million second phase is expected to begin in February 1978 and continue for fourteen months.

Groundbreaking ceremonies are being held today, with Orval Jones, director of Nuclear Security Systems, officiating. Speakers include President Sparks and Herman Roser, manager of ERDA/ALO.



Sandia has been a leader for nearly two decades in nuclear safeguards and security research and development, initially dealing with the protection of nuclear weapons and later with the safeguarding of nuclear materials at fixed sites and during transportation.

With the expansion of ERDA's safeguards and security R&D program, Sandia has been assigned major responsibilities to improve weapons and nuclear materials security and safeguards through the entire [Continued on Page Four]

COMPLETING their four-year Machinist Apprenticeships are (left to right) Jay Valdez, Robert Vargas, Jerry Davis, Danny Schulte, John Gillon, Paul Tsutsumi, Joe Allan, Phil Eslin, David Rogers, and Andy Jojola. All are assigned to divisions in the Mechanical Processing Department 9580.

# Afterthoughts

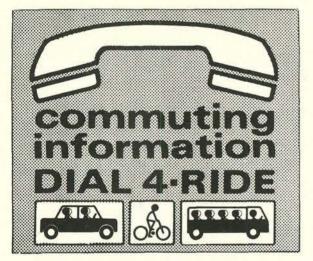
Foibles for our time--Mark Twain put it neatly: "Man is the only animal that blushes. Or needs to." We've noted two kinds of human behavior recently that make us think of Twain and his wry view of the human condition.

In the first, certain motorcyclists upon leaving the Base immediately pull over to the side of the road so that they can take off their helmets (no longer legally required in New Mexico but still mandatory on Base). This has to be one of the more puerile displays of macho we've seen. But then perhaps the saving grace is that a crash landing on their unprotected heads won't damage anything really worth protecting.

A friend in Security is the source of our second item. It seems that 18 Sandians have been picked up and convicted of shoplifting during the last year. Depending upon the value of the stolen stuff, shoplifting is a misdeameanor or a felony. But in either event, the arrest and conviction can have quite serious repercussions upon life-supporting things like "Q" clearances. Who are these characters? Probably not those whom you would think of. They're mostly middle-income, middleaged types, shoplifting items that run under \$10. Many have 15 or more years at the Labs. What fools these mortals be--yes? One wonders how many haven't been caught.

The private coastline, part II--Last issue we mistakenly lumped Oregon with northern California in our complaint that most of the coastline is in private hands, thus excluding citizens from the beach and ocean. Actually, the Oregon coast is almost entirely public land; in fact, the beach is considered a state highway--if you wish you may drive upon the beach so long as you observe the 25 mph speed limit. This is just one more example of Oregon-in-the-vanguard in matters relating to the public interest. Now if they could do something about that unrelenting rain and fog . . .

"There is always an easy solution to every human problem--neat, plausible, and wrong." --H. L. Mencken \*js





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# Authors

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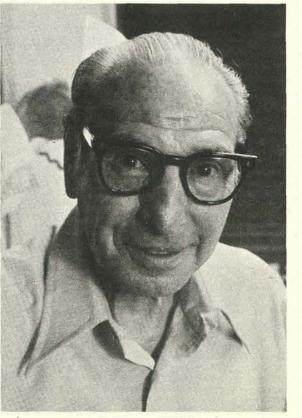


Retiring

Ruth Kleindienst (3421)



Manuel Vallejos (9713)



john shunny is editor & don graham ass't. editor

bruce hawkinson & norma taylor write bill laskar does picture work so does russ smith & lorena schneider reports on livermore W. E. Warren (5162), "Stress Concentrations Between 2 Rigid Spheres," Vol. 44, No. 2, Transactions of ASME, JOURNAL OF APPLIED MECHANICS.

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Jose Gutierrez (3727)

# LEAP '77 Drive Week of Oct. 2

"Help When Help is Needed" is the slogan for this year's LEAP (Livermore Employees Assistance Plan) fund-raising campaign which begins Monday, Oct. 3, when solicitors meet. Brochures describing the 1977 program are being distributed, and the solicitors will contact employees individually during the week-long campaign.

Chairman Cliff Potthoff (8185) reports that the campaign goal has been set at \$55,000, a target the committee felt could be met if each person increases his or her contribution "a bit." For those employees who joined the Labs since last year, special informational meetings are planned.

When allocating this year's LEAP funds, the committee evaluated the proposed agencies on the basis of the help they are providing and their current financial status. As a result, two local agencies supported in 1976, which are doing an excellent job, were dropped because they show ample funds already on hand.

Here is the allocation of funds for 1977:

UNITED WAY OF THE BAY AREA AGENCIES 56.0%

#### NATIONAL AGENCIES

Bay Area Combined Health Agencies Drive

(CHAD) ..... 22.0

LOCAL AGENCIES
----------------

LUCAL AGENCIES	
Buenas Vidas Youth Ranch	5.0
Emergency Fund Center	5.0
Hotline, Inc.	4.5
Valley Volunteer Bureau	4.0
Twin Valley Counseling Services	1.0
Society of St. Vincent de Paul Emergency Fund	1.0
Children's Emergency Council	.3
Nurses Welfare Fund	
RESERVE	1.0
	100%

One local agency, the Children's Emergency Council in Dublin, is new on the list. Although the name implies assistance only to children, the agency—which is active in the Komandorski Village area—provides emergency help to both families and individuals, regardless of age. This includes food, clothing, medicine, etc., when needed on a temporary basis.

Twin Valley Counseling Service, supported in 1975 but dropped in 1976 due to insufficient documentation, has changed from primarily a counseling service to a center for children with learning difficulties. Stipulation is being made for the allocation to go to the learning center.

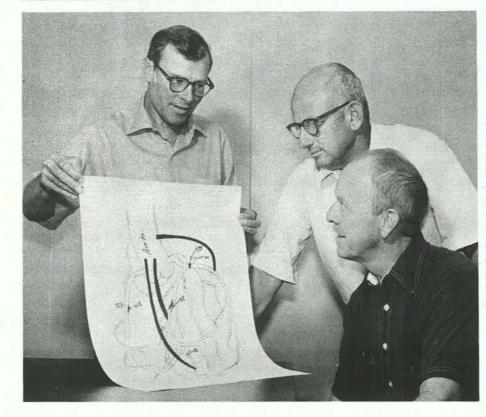
Cliff says that coordinating this year's LEAP program has vividly illustrated to him the urgent need. "I've seen first hand what LEAP dollars do. They help on the national scale-through CHAD-and in

# LIVERMORE NEWS

VOL. 29, NO. 19

LIVERMORE LABORATORIES

**SEPTEMBER 23, 1977** 



### BOB PETERSEN (8412), right, compares notes with two other Sandians, Hank Lucas (8252), left, and Sy Mayer (8412), all of whom have undergone successful coronary artery bypass surgery. The illustration shows Pete's postoperative heart artery system as drawn by his doctor. Another Sandian, Clyde Taylor (8413), is still recovering from similar bypass surgery.

# Life Improves for Sandians Thanks to Heart Research

During recent decades, the American Heart Association has spent more than a quarter of a billion dollars on research into cardiovascular diseases. SLL's LEAP program supports the Heart Association through CHAD, and citizen dollars have had a major role in the extraordinary progress made in combating the nation's leading cause of disability and death.

"I'm very impressed that I'm living today," says Bob Petersen (8412), who

### **Speakers**

Jim Miller (8351) and Bob Kee (8352), "Modelling Laminar Jet Diffusion Flames: The Hydrogen-Air System," Fluid Mechanics of Combustion Processes meeting, Central States Section of The Combustion Institute, Mar. 28-30, NASA-Lewis Research Center, Cleveland, Ohio.

Mike Dyer (8352), "An Investigation of Combustion and Mixture Formation in a Combustion Bomb"; Dan Hartley (8350) and Billy Sanders (8352), "Modelling Needs for IC Engine Combustion Research"; Bill Delameter (8121), Bill Robinson (8352) and Harvey Pouliot, "A Variable-Displacement Spark-Ignition Engine"; and Pete Witze (8352), "Measurements of the Spatial Distribution and Engine Speed Dependence of Turbulent Air Motion in an IC Engine," 1977 Society of Automotive Engineers International Congress and Exposition, Feb. 28 - Mar. 4, Detroit, Mich. underwent coronary artery bypass surgery just over a year ago.

First performed in this country in 1963, this new kind of operation has as its prime purpose the nourishment of heart muscle with oxygenated blood. Bypass operations may also relieve anginal heart pains and reduce or even eliminate disability.

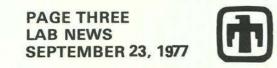
According to Bob, the surgeon grafts a vein removed from the patient's own leg into the aorta—the great artery originating from the base of the heart. The other end is sutured into a coronary artery beyond its point of obstruction, bypassing the blockage and delivering a new and increased blood flow to the heart muscle.

Before surgery, a catheter determines the location of the blockages. In Bob's case, it revealed blockages ranging anywhere from 40 to 100 percent, and three bypasses were made during surgery.

Several months before surgery, Bob had suffered a severe heart attack. He had from 18 months to five years to live and, more than likely, would have been on disability the rest of his days. "I couldn't even pick up something off the floor because once I bent over I wasn't able to squeeze my fingers together. "My family has a long history of heart attacks, and I had always been bothered with headaches," he continues. "It's been over a year since my surgery and the headaches haven't returned. After the surgery, I took medication but now I take none and feel great. I haven't changed my lifestyle-I go to dances, take a drink, do everything I normally did.

the Bay Area through the United Way, and they help right here in our Valley.

"As an example," he continues, "a local LEAP agency provided drug, alcohol and family counseling to over 2,000 people last year. Two thousand people in our own area sufficiently distressed to seek counseling is no small problem. Your LEAP dollars help solve such problems."



### Congratulations

Mr. and Mrs. Pat Keifer (8432), a son, Brian Grant, Aug. 6.

Mr. and Mrs. Ray Ng (8142), a daughter, Trina Elizabeth, Aug. 23. Mr. and Mrs. Bob Reese (8141), a daughter, Katherine Ann, Aug. 7. Roger Crawford (8254) and Betty Vollmer, married in Stockton Aug. 20. Roy Pearson (8365) and Karen Strunk, married in Pleasanton Aug. 20.

"Nevertheless," concludes Bob, "I'm still in the hands of the researchers. My future depends upon new medical advances."



SHYLOCK & JAILER—Two Sandians appear this weekend in Classics Theatre Company's Merchant of Venice at Popejoy Hall. Phil Mead (3151) recreates the famed Shylock role while Elliot Harris (3153) fills the jailer role. John Gardner (3144) directs the Company's fifteenth classical production. Reserve with Popejoy Hall or Ticketmaster outlets.

### **Take Note**

The Friendship Force is a nongovernment movement for American adults to visit people in foreign countries and vice versa. Typically, the participant visits the foreign country for ten days, with the bulk of the time spent at the home of the volunteer host. Hosts and visitors are more-or-less matched in terms of interests and occupation - a teacher will stay with a teacher, a writer with a writer, etc. Total cost of travel for each participant is \$250, regardless of destination. Bert Lindsay (2142) is launching New Mexico's Friendship Force program at a fund raising party at his home tomorrow, Sept. 24, at 4 p.m. Cost is \$3, and applications for the Friendship Force will be available at the party. Bert's address is 2910 Utah NE, phone 266-3598.

\* \* \*

The American Assn. of University Women, Common Cause and the League of Women Voters have joined forces to sponsor a TV forum of the mayoral candidates on Sept. 27, from 7 to 8 p.m. on Channel 5. The public is invited to attend in person for questioning of the candidates — be at the studio by 6:30. The group has also set up meetings in each of the five districts where councilors are to be elected. All will be held on Sept. 29 at 7:30 p.m. Check with LWV for details. The election is slated for Oct. 4. If you'll be out of town, check with the City Clerk, 400 Marquette NW, about an absentee ballot.

\* \* \*

National Hunting and Fishing Day. The Los Altos Park swimming pool area will feature a sail plane and hot air balloon, the latest in bicycles, a presentation by the Yucca Muzzle Loaders Club, demonstrations of fly casting and how hunting dogs work. Displays and demonstrations at the Winrock Mall will be presented by the Audubon Club, Sierra Club, Albuquerque Field Archers and Zia Gun Club. There's lots more and it's free from 9:30 until 4:30.

# Sandia To Host QC Conference

Sandia is hosting the 7th annual Conference for Quality Control Managers from ERDA Integrated Contractors on Oct. 4-5. Bill Kraft, Manager of Quality Assurance Dept. 9510, is chairman. Sessions will be held in Bldg. 892, room 216.

Luke Heilman, Director of Quality Assurance 9500, will welcome the conferees. Outside speakers for the two-day meeting include: Ed Cronin, Manager of Quality Control Operations, GEND; Walter Rebro, Director of Quality Engineering & Control, RF; Howard Kreider, Senior Engineer, Quality Control and Nuclear Operations; Roger Davis, Director of Technical Division, Y-12; and Emmett Poynor, Manager of Quality Division, PX.

Speakers from Sandia include: Jim Arthur (4370), Ray Schultz (9520), Bill Sherman (9524-Pantex), Frank Muller (9517), and Jim Holpp (9625). After presentations, each manager will review the quality cost monitoring and reporting system in effect at his plant. Tours are planned for conferees of the 5-MW Solar Test Facility, the Solar Total Energy Test Facility, and the Environmental Test Facility in Area III.

### **Continued from Page One**

# Work Begins on Safeguards Facility

range of fabrication, transportation, storage, and handling operations.

ERDA safeguards R&D funding for Sandia has grown from \$8.9 million in fiscal year 1975 to \$24.5 million in fiscal year 1977. The expected fiscal year 1978 total for Sandia is approximately \$30.5 million.

"The threat of terrorism to the nuclear industry has long been a concern," says Jones, "but the sudden growth of terrorist activity in the past decade, typified by the 1972 Munich Olympic incident, caused the nation to undertake a thorough reanalysis of vulnerabilities and an upgrading of its nuclear safeguards. Sandia Laboratories has a major role in this effort. This new laboratory will integrate U.S. facilities, transportation, and weapons physical protection R&D, provide a national focus for implementing improved safeguards, and demonstrate to other nations the U.S. commitment to improved safeguards."

During the past years, Sandia has made significant contributions to the safeguards effort.

Developments include the safe secure trailer used in shipment of governmentowned nuclear material, tactical escort vehicles for use with the safe secure trailers, a nuclear materials storage vault which features real-time monitoring of all radioactive substances and stringent personnel verification measures, and tamperresistant surveillance cameras to monitor activity where nuclear materials are stored or used.

Extensive work continues on new and upgraded barriers and physical protection equipment.

### Apprenticeship Conference Set Next Week

More than a thousand labor, management and government people will meet to discuss apprenticeship programs during the Rocky Mountain Apprenticeship Conference next week, Sept. 28 to 30.

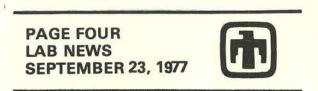
The three-day conference is being held at the Hilton Inn.

Many Sandians are planning to attend the conference, and a number have committee assignments: Art Eiffert (9650), Chairman, Industrial & Mining Session; Al Smailer (9710), Wayne Trump (3521), Charles Wells (9718), and Ralph Wilson (9570), Program Committee; Gene Frye (9572) and John Jewell (9571), Printing Committee; and Jack Hueter (3521), speaker, Industrial & Mining Session. Former Sandian Glen Haycock, now project director of manpower for AFL/ CIO, is on the Steering Committee. At the time he left Sandia, Glen was President of the Metal Trades Council.

First meeting of the fall for the Trinity Section of ANS is scheduled for Sept. 30 at Bishop's Lodge in Santa Fe. Social hour starts at 6:30 and dinner at 7:30. Orval Jones (1700), featured speaker, will discuss the safeguarding of the nuclear fuel cycle. Reservations by noon, Sept. 28: Joy Lutheran, 4-6855.

\* \* \*

The Albuquerque Wildlife Federation is coordinating an Outdoors Skills Fair tomorrow (Sat., Sept. 24) in observance of



### Sympathy

To Don Rost (3442) on the death of his mother-in-law on Sept. 10 in Sheffield, Alabama.

# AT&T Opposes Retirement Age Hike

[Ed. Note—Several recent Feedbacks have mentioned the question of mandatory retirement at age 65. This article on the subject appeared in the Bell Labs News last month.]

In response to a Senate subcommittee's consideration of legislation that would raise or eliminate the mandatory retirement age, AT&T has filed a statement explaining its opposition to such legislation, calling it "unnecessary and unwarranted."

The company's statement to the Senate Human Resources subcommittee on Labor pointed out that an "impartial, impersonal and objective" retirement age "preserves the dignity of retiring employees." It also said that "automatic retirement . . . provides an incentive to capable younger employees by maintaining open channels for promotion."

### System works well

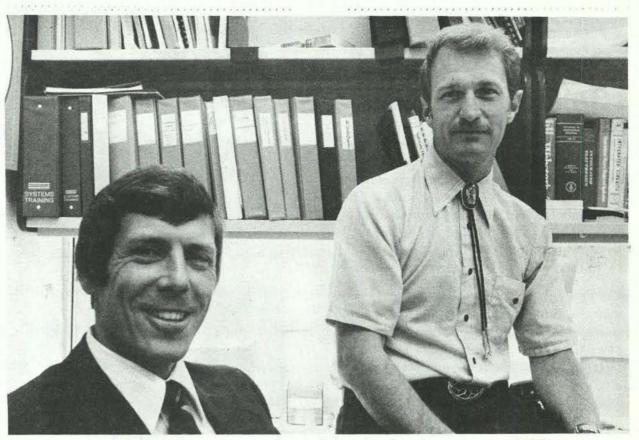
As an employer of almost one million employees, more than 1 percent of the national labor force, AT&T said, "we feel we are in a unique position to offer valuable comments on such legislation." AT&T said that the Bell System's experience has demonstrated that mandatory retirement works well when the pensions provided are adequate to support the retired employee. Furthermore, the Bell System's experience regarding mandatory retirement at age 65 has produced factual evidence that this is the case.

Pointing out that the vast majority of Bell System employees retire at an average age of about 61, AT&T said this average has been decreasing recently. During the last three years, about 75 percent of retirees have retired before age 65.

Citing another important aspect of the issue, AT&T said that "automatic retirement encourages preparation for retirement on the part of both management and employees.... When employees see their colleagues retiring automatically at the specified age, they are much more likely to be impressed with the necessity for advance preparation."

### Expect difficulty

According to AT&T, "If such legislation is enacted, there would be difficulty in deciding who should remain at work and who should retire. It is anticipated that it would be difficult to measure the capacity. health and attitude of an employee in relation to the jobs available precisely enough to assure acceptance of a reasonable decision by the unions, government agencies and courts. Furthermore, employers would be required to discriminate between workers with sedentary jobs and those whose jobs are more physically demanding, and between those who have jobs where the pressures are great and those with jobs that are less demanding."



NEW DEPARTMENT MANAGERS—John Heightley (2110) and Tom Grissom (2350)

# **Supervisory Appointments**

TOM GRISSOM to manager of Vacuum Tube Department 2350 effective Oct. 1. Since November 1974 Tom has headed Hybrid Microelectronics and Packaging Technology Division 2145.

Tom joined Sandia in April 1970 to work on the development of vacuum arc ion sources, vacuum switch tubes and neutron tubes. He has six patents for inventions in these areas.

He earned a BS in physics from the University of Mississippi in 1962, attended graduate school at Duke University for a year, and was employed by the Army Missile Command in Huntsville, Ala., for three years. He returned to the U of Miss. and received his MS in physics in 1966. In March 1970 he was awarded a PhD from the University of Tennessee.

Tom is a member of the American Institute of Physics. He and his family enjoy camping, backpacking and sports.

\* \* \*

JOHN HEIGHTLEY to manager of Integrated Circuit Design Department 2110 effective Oct. 1.

John came to Sandia from Bell Labs in

the Bell System adopted a compulsory retirement age of 70 in 1913, but that this age was reduced, one year at a time during 1925-1930, to age 65. It noted that this decision, made some 10 years before the Social Security benefit qualification of age 65 was enacted, was not arrived at in a casual or arbitrary way. Rather, "as a result of thorough analysis, the required age was modified for the primary reason that productive efficiency declines with increasing age and, in all cases, there comes a time when active employment must cease. While the age at which this occurs varies . . . it was determined that if a definite retirement age was set . . . it would be of value both to the employees and the public."

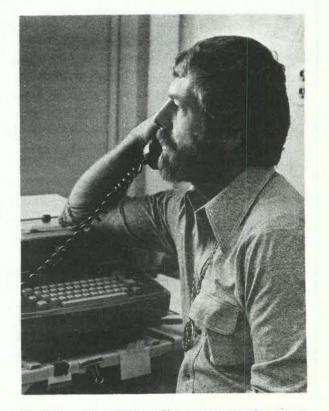
September 1973 to head MOS-IC's Division 2116. At Bell Labs he was a supervisor of a digital integrated circuit design group.

He joined Bell Labs after earning a MS in EE from MIT. His BS in Engineering Science is from Penn State. He has taken advanced courses from New York University and Brooklyn Polytechnic Institute.

John spent four years in the U.S. Navy in the 50's as an aviation electronics crewmember on an S2F aircraft engaged in anti-submarine activities.

A member of IEEE, John has 13 patents for inventions in the digital circuit design area. Leisure hours are spent cycling and hiking.

John and his wife Joy have two teenage daughters. They live at 369 Big Horn Ridge Rd.



Compulsory age reduced In its statement, AT&T explained that TO SLL—LAB NEWS staffer Bruce Hawkinson is leaving LAB NEWS—but only in a sense. He's heading for Sandia Livermore to work in the public information area and to continue to prepare copy for LAB NEWS, this time for the Livermore page. Bruce expects to be at SLL in early October.

### North Atlantic Saga

# Sandians Helped Balloonists

Three Sandians were intimately involved with the recent attempt by Ben Abruzzo and Maxie Anderson to fly their heliumfilled balloon across the Atlantic. Dick Schwoebel (5820) was the scientific advisor, Syd Parks (1739) built one of the key radio communications devices, and Jim Mitchell (3161) served as public information officer.

Last winter, Dick suggested to Maxie that the balloon they planned on was too small. Maxie challenged him to put his calculations where his mouth was, and the next thing Dick knew, he was scientific advisor.

"We're all thankful now," says Dick, "that they went with a larger balloon. It provided the margin of safety they ended up needing to survive in the incredibly heavy weather that forced them to abandon the flight off Iceland last week."

Dick's major task was to establish the characteristics of an ideal transatlantic flight, then to recommend the equipment needed to meet those characteristics. For example, the ideal altitude profile is one that rises each day higher than the preceding day (to the point that oxygen is needed during the last day or two). Since 10 to 15 percent of the lift during the day is provided by the sun's heating, some 10 to 15 percent of the gross weight must be dumped as ballast each evening to keep the balloon at a reasonable altitude overnight. That means dumping some 900 pounds overboard during the first night.

Dick also helped to plan the kind of communications links needed and to arrange the technical support necessary for the launch.

"What we're proud of is that the physical integrity of the balloon system remained intact. There's no question but that they'd have made it except for the extreme weather."

Dick chose Syd to build the radiocompass beacon transmitter for two reasons—he has both the electronic expertise and a well-equipped home shop. He chose well. The transmitter functioned perfectly and, along with a commercial transmitter communicating with the NIMBUS satellite as it orbited overhead twice a day, played an important role in locating the balloon when it was time to abort the flight. All the commercial communications gear failed in the rain and sleet.

"I designed my transmitter to be weather



LAUNCH HERE, DITCH THERE. That's Dick Schwoebel, scientific advisor for the recent transatlantic balloon flight attempt, pointing out the limits of the flight to Syd Parks and Jim Mitchell. All three were in on the launch, and all three are (apparently) ready to do it again.

during the 18 hours prior to the ditch. Certainly the NIMBUS system was accurate, but it provides a fix only every 12 hours and there's a delay between the time it picks up a signal and then sends it to Goddard [Space Flight Center]. At the speeds the balloon was moving—it averaged 50 knots—that delay could have meant that search planes would have taken some time to find them. As it was, they homed in on the radio beacon signal easily and immediately."

All three Sandians were a part of the launch crew on the Massachusetts coast. They agree that the local hospitality was great. Jim commented on the flight from the public information standpoint: "The toughest part was providing the words which reflected the change from a rapid, on-course flight to a period of lost contact and possible distress and subsequent recovery at sea, all without unduly alarming relatives and friends.

"All in all, it was an interesting and dramatic exercise in instantaneous, worldwide press communications."

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and shock resistant, highly reliable, and foolproof in operation," says Syd. "Its job was to automatically broadcast the balloon's call sign three times in 15 seconds, then emit a continuous tone for 50 seconds, and repeat that cycle indefinitely over a wide range of battery voltages." The power source was six-volt alkaline lantern batteries arranged in series-parallel. Output from the transmitter was five watts.

"I had no idea when I began of the time I'd put in," says Syd. "But I'm glad I did. Their lives depended on it—especially SOMETIMES, when you're in Security, you need a little Luv... President Carter has got this thing about big cars. GSA got the message. And Sandia now has 14 Chevy Luv's—an American make built in Japan. Security's Celso Montano stands with his Sandia-blue model (color was a coincidence—they just happened to come that way). Bob Hepplewhite of Plant Services Dept. 3420 says we can expect more compacts.

### ECP At Work

### **Treatment Effective At Drug Abuse Center**

Talking with Glenn Case (2113) about drugs is a little like discussing men with Mae West-not a lot of traditional assumptions but a vast array of "I've been around" empirical data. His expertise comes-from several years on the board of directors of Drug Abuse Education and Coordination Center; he's currently chairman of the board.

One of the Center's earliest programs was simply to educate—to provide hard facts to replace the myths. Some of those facts:

• About 45 percent of Albuquerque's current high school grads have smoked marijuana (and about 80 percent have drunk alcohol).

• The popularity of LSD and "speed" is decreasing.

• The popularity of alcohol, marijuana, and sex in the adult population is stable—and fairly high.

• Cocaine is so expensive it's not likely to become common.

• Most marijuana is purchased with honest (legitimately earned) dollars, most heroin with dishonest (in fact, heroin imports account for 6 to 7 billion dollars spent in this country each year, and that's second only to oil).

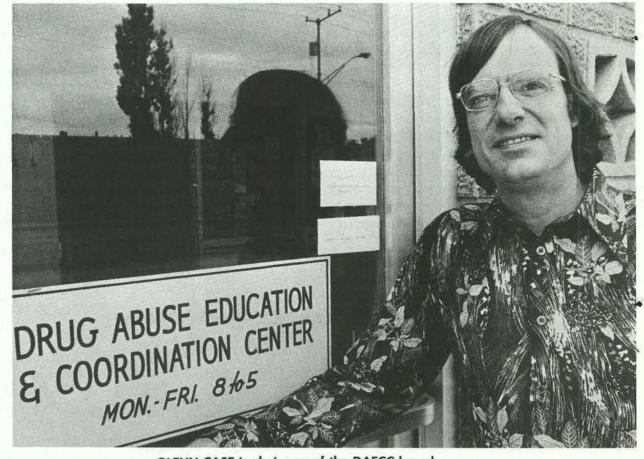
Center speakers, on these or related subjects, are available to church and civic groups.

The Center's second program, Project Focus, concentrates on the school-age student. "It's very successful," says Glenn. "Essentially, we learned that when you get down to it, kids don't have a drug problem so much as a people problem. A 16-yearold who's stoned all the time is probably not evil so much as lonely. We've had excellent results just by getting kids, parents, and teachers talking with each other.

"You see, a kid will turn to drugs as a way to withdraw from a family or school or personal situation he can't cope with. That's a much more unhealthy situation than, say, the adult who smokes pot once in a while in an intimate social setting. Yes, given the fact that Sandia Albuquerque is a community of some 6000 people, we've got some who use pot on occasion, though our primary drug problems at Sandia are the legal ones—alcohol and prescription medications."

\* \*

Another program successful enough to be turned over to another agency is the First Offender Program, now being run by the Juvenile Probation Department. When a juvenile is arrested for an offense involving drugs (more recently, for other minor offenses as well), he or she can avoid court by showing up with parents for several weekly sessions designed to open parent-child communication lines. "We've been able to prove that our 'graduates' are much less likely to be arrested a second time than are the kids that go to court for sentencing, however heavy or light the punishment," says



GLENN CASE is chairman of the DAECC board.

Glenn. "We're now training people from probation departments in other counties so they can set up similar programs."

The final program, Inhalant Abusers Program, is funded by the city and county and by United Way (Sandians' ECP contributions help here) and the New Mexico Department of Hospitals and Institutions. It's a currently active program, not one that's been turned over to another agency. And "it's even rougher than the others," says Glenn. "These kids start out as losers, they turn to sniffing, and they go downhill from there."

"That's because the aerosol propellants that give them the high they're after fluorocarbons, toluene, naphtha, benzene, freon, and the like—do severe damage to their livers, kidneys, lungs, urinary tracts, and, above all, brains," says the Center's Skip Wardlow, who runs the program. "Damage to liver and brain is irreversible. Death is common, sometimes from aerosolinduced heart attacks or from suffocation by the rags they sniff, sometimes from other diseases that attack anyone who's severely debilitated."

Some 90 percent of the kids involved in the program come from the city's barrios and ghettos. One aspect of the program tries to treat them while they remain at home. Counseling, both individual and the kid. That puts the kid right back into sniffing again.

"If we can get to the kid early enough, we have a good chance to break the habit. Later, say at 16 or 17, it's very difficult." That leads us to the second aspect of the program, a residential setting. With a new grant from DHI, we're now setting up a home for eight kids that takes them out of their neighborhoods and should give even the older ones a chance to make it."

Donations for the home are badly needed: furniture, brooms, rakes, shovels, hobby equipment such as ping pong tables and cameras, other stuff. Call Estelle at 243-1319 for more info; donations are tax deductible.

Glenn heads a 10-person board of directors. The Center is staffed by about 15 people, plus part-time consultants, headed by Executive Director Dave Ryther. "It's a good place to see ECP dollars making a positive difference in the community," says Glenn.

### Audubon Wildlife Films Open Season With *Yosemite*

The Audubon Wildlife Film Series opens the new season on Oct. 8 with "Yosemite: An Ecological Visit." Dates and titles of other color films in the series are: "Four Fathom World," Nov. 30: "Wildlife," Feb 7; "Kangaroos Can't Be Cornered," March 15; and "Land of the Rio Grande," April 4. The films will be shown at 7:30 p.m. at Popejoy Hall. They are sponsored by the New Mexico Mountain Club, the Sierra Club and the Central New Mexico Audubon Society. Subscriptions are available through Bill Stamm (ret.), 255-2640, evenings. Tickets are for five admissions and are good anytime. Cost: Adults, \$7; over 62 and students, \$4. Single tickets are available the day of the performance at \$2 and \$1.50.

group, is effective: self-concept scores go up by 20 to 30 points, and recidivism drops significantly.

"The usual scenario goes like this," says Skip. "The kid starts sniffing at 12 or so (though some are as young as 8). The parents notice the kid's irritability, irregular sleep habits, lowered appetite, the odor of aerosols on breath and clothes, but they don't do much—maybe hope he'll grow out of it or blame it on his friends. Eventually the kid gets arrested, and suddenly the parents take notice, usually by punishing

### Fit Is Better

# LAB NEWS To Take Aim at Physical Fitness

Tip of the iceberg: 30 Sandians took part in the La Luz Trail Race this year. Last year it was 15, the year before 10. If those 30, running 7½ miles up the side of a mountain, represent the most intensivelytrained of Sandia runners, then it's statistically likely there are an additional several hundred Sandia runners/joggers who train at less intense levels.

SRO: Ralph La Forge, an exercise physiologist from Lovelace-Bataan, has recently addressed two full-house crowds in Bldg. 815 (capacity 210) on the subject of cardiovascular fitness.

Our 2-wheelers: In June a Tech Area gate count indicated some 300 cyclists were commuting to the Labs. The Sandia Bicycle Assn. has 450 members. As an activity, biking offers a multiplicity of virtue—physical enhancement, economy, ecological purity.

The locker situation: 160 lockers are assigned to Sandians at the Base gym; many are on the waiting list for lockers, and many, many more simply go to the gym and operate out of a ditty bag. The gym is a crowded place, and it's crowded chiefly with Sandians.

\* \* \*

At Sandia Labs, today, the truth is that physical fitness is more than the aberration of a few nuts. It would take a survey to produce an accurate estimate of the number of Sandians who actually do something about physical fitness, but our guess—based on indicators like those above—is 20 percent of the population, give or take a few points. That's well over a thousand employees, and that's a lot.

A new LAB NEWS feature, Fit Is Better, will address itself in future issues to that group of employees and, we hope, to the even larger group who think wistfully of systematic exercise but somehow never get moving. The tone of Fit Is Better will aim at persuasiveness and humor, easy on dogma, intensity and guilt, of which there is not a little in the exercise subculture.

LAB NEWS Editor John Shunny will write *Fit Is Better* (though guest columnists will also appear), and the column will appear from time to time (not every issue). Our (meaning my) qualifications to prepare this column may be noted briefly:

- went to the Base gym one day in 1960 and have been going daily since
- a record of defeat, unsullied by a single victory, in every type of athletic contest entered: running, biking, swimming, skiing. Wide experience is thus alloyed with humility and empathy.
- bike to work (average 100 miles/ week), run every other day (4 to 7 miles)
- don't smoke, like to drink, have had sore heels, shins and knees, strained muscles, diarrhea, and mental reservations because of/in spite of unre-



**PSYCHO-CYCLIST** was dissuaded from carrying a candelabra to light his way these dark mornings, so he came up with this nifty lighting outfit. Half way to work his batteries wear down, so he's haggling with Winnebago for a motor generator on wheels. A tip for the mad one: the most practical light we've seen is the miner's light strapped around the head and connected to a battery pack carried on the waist.

# Fun & Games

Sandia Bicycle Assn.—According to a State Highway Dept. release, the project to widen Gibson to a 6-lane controlled access street from Carlisle to Yale will include a "fenced-off bicycle path at one side." Not too many bike-commuting Sandians are likely to use this bikeway, but it's encouraging to note that bikeways are becoming fairly routine adjuncts to new highway construction. (Actually, it's the law that bikeways accompany such construction.)

\* \* \*

Classical music-KHFM (96.3 on FM) listeners will be pleased to learn that the

- lenting physical activity. But at age 52 I feel physically and mentally better than I did at age 22.
- and I study the arcana of the physical buff, as revealed in *Runners World*, *Bike World*, *Physical Fitness Research Digest*, and others.

We hope you'll get something out of *Fit Is Better* and that it will move some of you, literally, to do something with that marvellous mechanism—your body. The fact is that to be fit is better.

Next: Your pulse – the basic instrument of your fitness program.

station has finally made it to the Crest, and broadcasts from there should be routine by the end of the month. Up to now, the KHFM signal has been broadcast from their station here in town on Domingo Rd. NE; in addition, that signal was only horizontally polarized, which made reception marginal on car radios and inexpensive FM sets. The new signal, which will be both horizontally and vertically polarized, should provide enhanced reception; a coverage radius of 90 miles is anticipated.

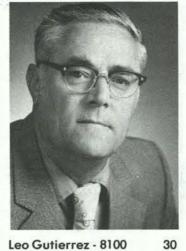
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Sandia Runners—The 3rd annual "M" Mountain 9-Miler will be held this year on Sunday, Oct. 2nd, starting at 10:30 a.m. The 9-mile loop, on the New Mexico Tech campus in Socorro, has an elevation gain of 300 feet and is generally regarded as a good course. The race is becoming increasingly popular, with more than 200 entries last year, and participants run the gamut from hot shots to plodders. Entry blanks: Lab News, Bldg. 814.

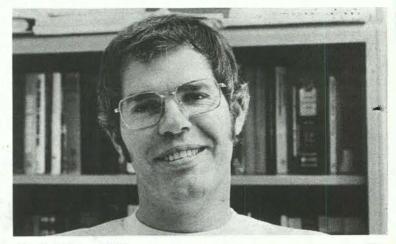
Swimming—Coronado Aquatic Club has openings for beginning competitive swimmers of all ages. No level of ability required. Practice starts Oct. 3. For more information call Coach Reed Barnitz (821-6932) or Mary Kay Huff (296-7977).

# **MILEPOSTS** LAB NEWS

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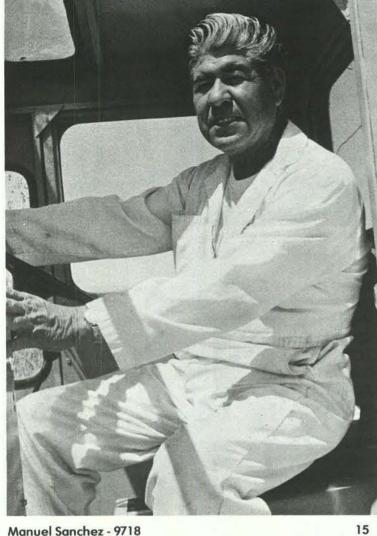


Leo Gutierrez - 8100



Buddy Watts - 2613

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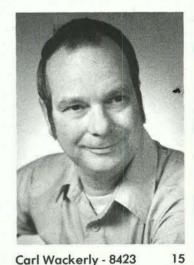
Manuel Sanchez - 9718



Don Sadler - 8423



Flaviano Saavedra - 3413 25

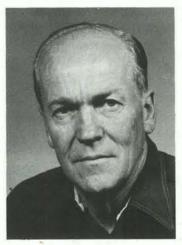


Carl Wackerly - 8423



Forest Baker - 9573

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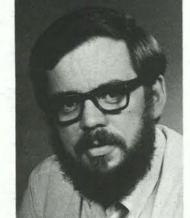


Harry Warrick - 9414 25



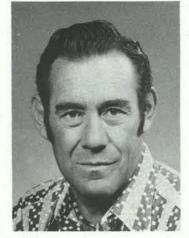
Mel West - 8424



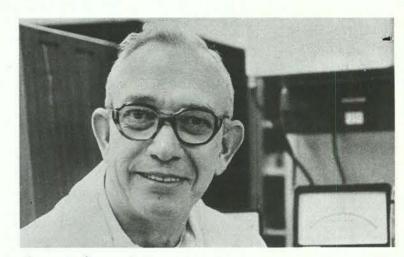


Melvin Olman - 1233

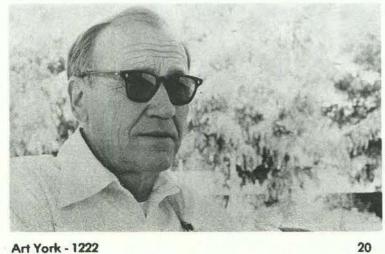
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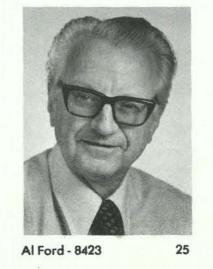
Wilfred Sanchez - 9713 25



James Bedeaux - 9561

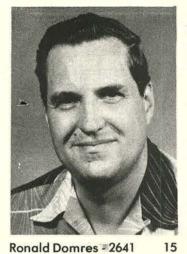


Art York - 1222





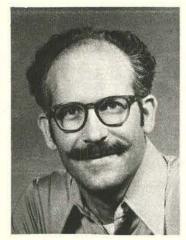




Ronald Domres - 2641



Daniel Padilla - 1247 30 8 A.

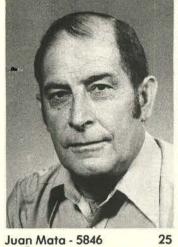


George Clark - 2314 15



Fred Schelby - 9486

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Juan Mata - 5846

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Bud Hall - 3422



Richard Eakes - 5433





George Randle - 9742 25



Emily Joiner - 8212



Bert Barker - 8322

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Harry Lauderbaugh - 8181 15



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Hugh MacDougall - 2312 20



Norman Corlis - 9421

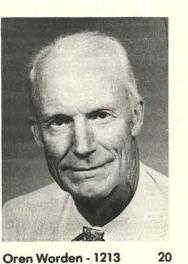


Fred Gunckel - 2328



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Lee Toliver - 9624

30 Carl Furnberg - 8156

Don Richardson - 8257

Oren Worden - 1213

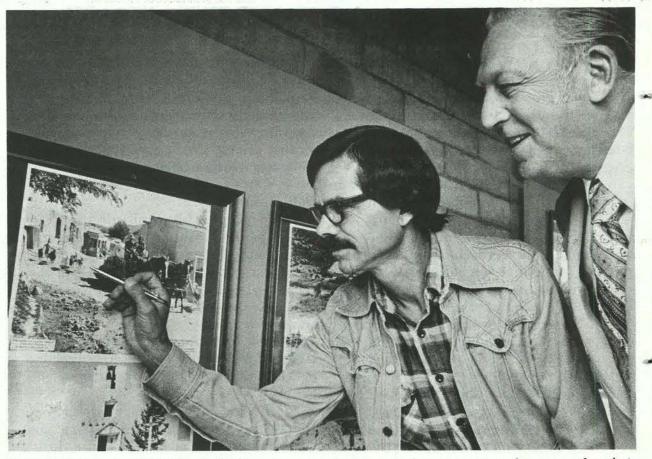
### The Retirement Plan & **IRS** Filing

TEXT IN THE REPORT OF A DECK

The Benefits organization has received questions regarding the Employee Bulletin dated September 9, advising employees of their right to comment on Sandia's application to the Internal Revenue Service (IRS) on the Retirement Income Plan.

Sandia's Plan is a qualified plan under IRS regulations. In order to maintain the qualified status, it is necessary to refile with IRS when any amendments are made to the Plan. One of the amendments, for example, was the change to the Plan of July 1, 1975 adopting the Bell System benefit structure.

Sandia is required by law to notify interested parties when the Retirement Plan is submitted to IRS for review. Although it is not necessary for you to make comments to IRS on the filing, it is your right to do so. The purpose of the Bulletin was to advise employees of that right.



SMALL WORLD-ERDA/ALO asked Photo Services Section 3171-2 to prepare color prints for their exhibit in Bicentennial Park, using some old negatives from the museum in Santa Fe. Gerse Martinez (left) was assigned the job and as he prepared the prints noted something familiar in one of them. Turns out that's Gerse in the print as a young boy in the northern New Mexico village of Cordova, Gerse's home town. Herm Roser, ERDA/ALO Manager, looks on.

JUNK • GOODIES • TRASH • ANTIQUES • KLUNKERS • CREAM PUFFS • HOUSES • HOVELS • LOST • FOUND • WANTED • & THINGS

#### CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication unless changed by holi-day. Mail to: Div. 3162 (814/6).

### RULES

- Limit 20 words.
   One ad per issue per category.
   Submit in writing. No phone-ins.
   Use home telephone numbers.
   For active and retired Sandians and
- ERDA employees. No commercial ads. please
- Include name and organization. Housing listed here for rent or sale is available for occupancy without re-gard to race, creed, color, or national

### MISCELLANEOUS

- TRASH BAGS, city-approved, \$4. So. Hwy. 14 Project. LAB NEWS, Bldg. 814
- 10' TRAVEL QUEEN camper, side dinette, porto-let, heater, stove; Reynolds trumpet. Zottnick, 299-6339.
- TWO 800x16.5 tires, \$7 ea.; GE port. B&W TV, \$22; high chair, \$8; chrome music stand, new, \$6; 36"x80" storm door, \$30. Salazar, 420 Graceland SE, 255-1301.
- MOTOR-GENERATOR, Sears 2.65 kw, \$200; spider bike, 24", 5-spd., \$30; antique humpback trunk, \$35. Stevens, 296-6326. MOBILE HOME, '71 12x52 Freedom,
- single bdr., unfurnished, includes skirting & AC. Young, 842-1938.
- RIFLE, 30-06 Remington Model 700BDL, \$135. Ingram, 296-0387. COLOR TV, Magnavox, 25", console,
- \$135; trailer hitch, '68-74 Corvette, \$10. McIntire, 294-5884.
- TOOL BOX for WB pickup, white, sliding tray, Sears deluxe, 1 yr. old, retail \$120, sell for \$90. Trump, 299-5162.
- AKC Labrador retriever puppies, excellent pedigree, \$50. Shope, 293-7697.

- \$75 or best offer. Berman, 296-5640. LITHOGRAPHS, Gustave Bauman, limited editions, old Santa Fe & Ranchos de Taos. Gregory, after five, 268-2022.
- BED, corner unit 3 pc., \$200; Hoover upright, \$15; games of Toss Across, Rebound, & Crossfire, \$5 each.
- Dyer, after five, 299-3231. COLEMAN OVEN, folding, 12"x12", \$3; canvas & wood cot, \$3; Sears steel radial tire, 225x15, 2000 miles, flat spot on tread, \$3. Coalson, 298-0061. CLARINET, Bruno, \$75. Warren,
- 256-1334. SLIDING GLASS DOOR, 8', \$55. Boling, 298-8141.
- WINCH for compact pickup, 4600 lbs. at 20% incline, vertical mount, cable guide, complete, \$105. Womelsduff,
- SAW, 10" diamond trim; 6" grinder & polisher; Ranco polishing unit w/ flexible shaft; rock tumbler. Henry, 266-6467
- ANTIQUES, plows and listers over 200 years old, other antiques from 200 year old apple orchard near Man-zano, NM. Sanchez, 877-0326.
- SOFA BED, 2 yrs old, green, yellow, and white stripes, \$125. Shambo, 266-6720 after 4 or Saturday. CORNET, case, books, \$65; ladies Red
- Cross shoes, 7½ & 8. DeHaan, 268-6120.
- CLUB CHAIR, green loose back, Flexsteel, \$75 or best offer; wrought iron phone bench, \$25. Pinkerton, 255-2505.
- FENDER for VW, left rear, \$15; reclining chair and ottoman, black naugahvde, \$50. Stirbis, 299-5363.
- **REYNOLDS TRUMPET**, mute, case, \$85; Ironrite ironer, \$75; girls' 20' bike, \$20; boys' 3-speed bike, \$20; unicycle, \$15. Mills, 299-2130.
- '77 TRAVEL TRAILER, 19', AC, selfcontained, used 5 days, spare tire, 6' refrigerator, shower, \$5300. Anderson, 296-3558
- B FLAT CLARINET, Evette, \$80; Schwinn boys' 10-speed bike, 24

drilling outfit, 1940's radios, slide projector, sleeping bag, more. Caskey, 296-6372.

- ALTERNATOR/POWER SUPPLY, 3000W, 240/120V, 12/24A, Dayton brand, 8 hp Briggs & Stratton engine, used 25 hours, new \$470,
- \$375. Wilde, 881-6910. FURNITURE SALE: beds, washer,
- dryer, sofa, more. October 1 & 2, 11-4 only, 8909 Snowheights NE. Hoice, 821-7590.
- CAMPER SHELL, 4' x 8', \$325. Twin 50 scuba tanks, \$100. Quintana, 268-6594 after 5.
- STATION WAGON HITCH, Class II, 3500 lbs. pull, fits Chevette 68-72, Polara and Monaco 67-71, Fairlane 63-71, Vista Cruise 68-72, others, \$15. Doggett, 293-6210.
- DINING TABLE, clawfoot design, solid wood with cherry veneer, needs refinishing, 3' x 6' with leaf, \$50. Kent, 293-4168.
- WHEELS & TIRES, 14 & 15 inch for GM & Chrysler cars. Prevender, 299-5253. VIOLIN, ¾ size, \$50; Conn trumpet,
- \$40. Cafferty, 898-3102. FLUTE, Reynolds, with case, \$75.
- Domres, 299-0513. FLUTE, '74 Armstrong, case, music stand, \$100. Still, 299-8825.
- TRUMPET, Olds Recording. Spray,
- 299-0412. VIOLIN, ½ size, Roth, \$85. Magnuson, 821-5330.
- SANYKO MOVIE CAMERA; two or four black padded seat and back bar stools. Dollahon, 293-8523.
- '65 FORD V-8 engine, 289 CID, \$200. Dillon, 881-3843.

### TRANSPORTATION

- 75 181/2' Carravelle boat, 188 HP Mercury cruiser, dual tandem Dilly trailer, \$6800, price negotiable. Harper, 256-1657
- 74 CHEV VAN, loaded, low miles. Wilhelmi, 255-4932.
- 70 FORD Ranchero, 3-spd., 70,000

- PS, AC, AT, roof rack, tiltwheel, power tailgate, radials, under NADA. Duliere, 296-4785.
- 72 MAZDA RX2, R&H, air, vinyl top, below book. Trujillo, 255-5053 70 LTD stn. wgn., Country Squire, under book. Hopkins, 898-3559.
- 70 FORD cabover van, new engine/
- paint, 302 V8, carpeted, stove, ice box, furnace, toilet, sleeps 4, \$3200, offer. Welch, 266-2074.
- BICYCLE, girl's 24" single spd. w/ thorn-proof tubes, \$12. Wyant, 298-0371.
- '61 MGA convertible, new top, Michelins, clutch, oil pump, bearings; engine recently rebuilt, \$2000. Boulware, 281-5343.
- ware, 201-0040. 70 VW Bug, new battery, brakes, \$975; 71 Chev wagon, new tires, battery, starter, shocks, brakes, \$1000; 72 Olds Cutlass 4D, new battery, brakes, needs tires, \$1800. Cano, 296-6955.
- SUZUKI TM-400, extras, \$300 or trade for 360 Yamaha Enduro. Hart Free Style skis w/Besser alu. bindings, \$65. Healer, 298-6967.
- 72 DATSUN 1200, new tires & battery, \$1300. Duran, 293-6963 after 5.
- 74 PORSCHE 914, 2 liter, 16,000 miles, yellow w/black trim, sell for loan value. Lee, 281-5496.
- '66 FORD F-250 camper special with 10½' camper (6½ inside height), \$2250. Kramm, 281-5379.
- 76 PLYMOUTH VOLARE Premier sedan, less than 20,000 miles, \$4200.
- Hart, 293-6396. 72 PINTO Hatchback, AT, AC, radio, mag type wheels, ww tires. Harris, 299-6664
- 76 GMC 8200 lb GVW pickup, 5th wheel hookup, PS, PB, AC, AM, more. Jones, 255-7924.
- 73 PINTO Squire stn. wgn., AT, AC, \$1525. Daniel, 268-8335.
- 74 DATSUN pickup, 42,000 miles, \$2000. Williams, 1/864-3617.
- 72 MONTE CARLO, AC, AT, AM-FM, etc., new engine; 72 Opel Manta,
  - 4-spd Prevender.

- \$71,000, 8.75 mort. Melville, 281-5494. HOLIDAY PARK, corner lot, 3 bdrm custom, formal dining, sunken living & den, heated garage, trailer 🐲 parking. Miller, 299-4208. 3-BDRM, 1800 sq ft, 1 acre, front &
- back lawn, small orchard, Bosque Farms. Benedict, 869-2949.

#### FOR RENT

- CONDOMINIUM, Purgatory Ski Basin, 2-bdr., 2-bath, sleeps 8, equipped kitchen, fp, TV, ski to lifts & your door. Smatana, 299-6278. 2-BDR. HOUSE w/den, 5405 Granite
- NE, \$200/mo. w/1-yr. lease, plus \$100 cleaning deposit. Chavez, Los Alamos 667-6146.
- CABIN, Vallecito Lake near Durango, modern 3-bdr., fp, reserve for week/ weekend. Croll, 881-7235.
- LEASE, 6 mos. or longer, 3 bdr., 3 bath, furnished, on wooded acre in Cedar Crest. Available Oct. 15. \$500/ mo. plus utilities. Melville, 281-5494.
- MOUNTAIN HOME, 7-room, 1% baths, sunken tub, sundeck, den, sleeping loft, 2 acres, view, care-taker, furnished, easy commute, lease at \$350 or rent. Hawkinson,
- 281-5239. 3-BDRM, 2-bath, home near Wyoming
- & Montgomery, \$290/month plus deposit. Gallo, 296-0112. APARTMENT, 1 bdrm, unfurnished, newly remodeled, att. garage, near base, 1215 Solano SE, \$175/mo. plus gas, elec. Available Oct. 1. Konnick, 255-3833

#### WANTED

- CAMPER SHELL, Fiberglass w/top vent, sliding slide windows & sliding front window, for LWB; must be in good condition. Trump, 299-5162.
- CEMENT MIXER. Leckman, 266-6354. ONE or two acres in Alameda, Cor-
- rales or Peralta, reasonable. 12 gauge shotgun, single shot. Arana, 299-1214.
- SET of 4.11 or 3.91 gears for Ford 9"

GE port. dishwasher, coppertone, yrs. old, \$40; Nash skateboard, \$15. Moyer, 881-3879. EXOTIC PET: 8-mo. Python Molurus b w/cage & environmental control systems, best offer. McCaughey, 242-5920 weeknights. **REYNOLDS** trombone, \$175; snare drum w/sticks, case & stand, \$50. Postenrieder, 299-8388. CRIB, Mediterranean style, \$59; change table & misc, baby items. Yonas, 294-3384. **ENCYCLOPEDIA Americana, 30 vols.** 1953 edition, \$50 or best offer. Baczek, 255-3429. NECK TRACTION DEVICE, usual rental is \$10/wk., new cost, \$48, asking \$20. Baxter, 344-7601. KENT bass guitar w/Realistic ampli-fier, \$125. Bassett, 898-1840. POOL COVER, rectangular (21x37) vinyl, use for tarp, tent, whatever,

Varsity, \$80; child's western boots, 31/2, \$8. McKay, 256-3911. 10-SPEED bike, \$50; 17 ft refrigerator, \$25. Guttmann, 243-6393. DOOR: 6' sliding glass door plus parts, \$45. Benton, 877-2473. WESTERN SADDLE, 40 lb, latigo, double rigged, adj. stirrups, by Munsell Fowler of Colorado, for big person, big horse, \$200. Baxter, 344-7601. AFGHAN HOUNDS, 6 weeks old, male & female, creams, brindles, silvers, \$150. Kelliher, 843-7332 or 277-6165. BABY CRIB, \$25. Falacy, 293-2517. STEREO SPEAKERS, Heath, 8" woofer, 3" tweeter, 21" x 12" x 10" at \$70 the pair; Heath digital voltmeter, 2½ digit, \$37; Knight VTVM, \$35. Shannon, 256-7618. ESTATE SALE: 23" color TV, wood-

296-5037. 294-6759 burning stove, metal detector, well-

miles, AC; '55 International Metro step van. Huston, 266-7668 aftes 6:30. 70 IMPALA, 4drHT, AT, AC, PS. Berg, 299-7354 71 SUZUKI T-250, make offer. Young, 842-1938 72 SCOUT, new tires, new brakes, AT, \$2300. Ingram, 296-0387. 74 AMBASSADOR 401, loaded, all power, \$2400, Dahl, 256-1067. 72 HONDA 175cc twin, street bike, \$210. Marchi, 299-3653. 74 LINCOLN Continental Mark IV, below book at \$6400 or best offer. Chapman, 292-2800. BICYCLE, 16" Schwinn Pixie, boys/ girls, convertible, \$20. Lysne, '65 FALCON Ranchero, 6-cyl., 55,000 miles, \$650; '69 Yamaha 175cc Enduro, 8000 miles, \$260. Watterberg,

75 JEEP Wagoneer, Quadratrac, PB,

71 CHEV IMPALA, 350, AT, PS, PB, AC, \$650. Barton 265-8607 or 877-6683.

72 FORD truck, F-100, 4WD, extras, best offer over \$2250. McCampbell, 281-3054 after 5.

73 DATSUN 2dr, below blue book. Jefferson, 293-3529.

### **REAL ESTATE**

4-BDR., 3-bath brick Mossman, Sandia High, custom den, wet bar, 2 wbfp, pool, shop, dbl. garage, side yard parking. Andersen, 293-1142. 3-BDR. HOUSE, 2 baths, TV rm., den w/fp, patio, dlb. garage, land-scaped, new paint, 1900 sq. ft., San Gabriel Village, mid-50's. Young, 296-6161.

BY OWNER, new 2-story 3 bdr, 3 bath, study, den, 2 car garage on wooded acre, Forest Pk. Cedar Crest, rear end. Kaneshiro, after 5:30, 864-4192.

HOME for miniature dachsund, free. Birdseye, 255-2894 after 5 or weekends.

SMALL 12-volt refrigerator; used Kimball water skis. Falacy, 293-2517. HARDTOP for '72 Intl Scout II (any '71 -75 will fit). Cover, 881-3860. HOME for kittens. Belding, 294-7443.

### LOST AND FOUND

LOST-silver Cross pen; 8-10 keys in small dark brown leather holder; Rx sunglasses and brown leather case; 5 keys on silver ring; silver heishi with silver fetishes, single strand, 18"; gray frame safety glasses in black case. FOUND-car key; silver tie tack; Olds,

GM car keys. LOST & FOUND-Bldg. 832, 4-6245.

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### DISNEYLAND • C-CLUB • MERRIED MEN • FARAH • TOGETHER • CARIBBEAN • SINOLOGY •

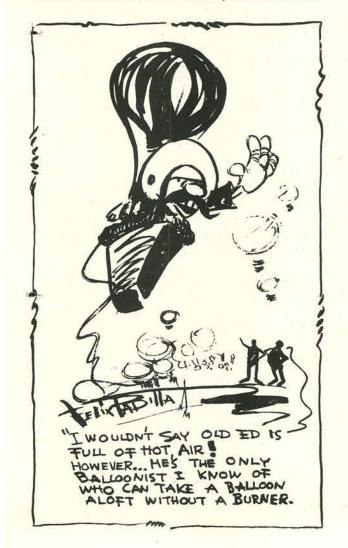
*I*—tried to be a Friend of Jeanne Rich last time she was at the Club so she'd have her very own groupie, but she befriends only talented musicians so she didn't like me. (In fact, I heard her mutter "search and destroy" when my name came up.) (I told her that if at first I didn't succeed, I'd play second, but it didn't help.) Anyway, if you'd like some fine dance music, come out tonight for *Jeanne Rich and Friends*. Or if you'd like a fine baked ham buffet (\$3.50 and \$1.92), be there between 6 and 8. Or maybe just some fine socializing? That begins right after work and goes on all evening.

FINALLY—comes September's Fifth Friday. With it, appropriately enough, comes La Ultima featuring Yolanda and Her Merried Men doing Songs from Sherwood Forest ("Yep, that's sure wood all right"). They also do lots of Latin and pop favorites. Beef burgundy and shrimp Creole climax the buffet line (\$3.50 and \$1.92). Even if you don't like them, pick up a couple of hard rolls and sit on them till after midnight. That way you're sure to be on-roll as FY78 begins.

FIGURED—out the magic formula for Variety Nights yet? Simple. A live talent act (like the Shrine Bagpipers piping) plus a G- (for Good) rated movie (like *Charley* and the Angel, a Disney flick that has reothing whatever to do with Farah Fawcett-Majors). In addition, a bunch of color cartoons and inexpensive no-dishesto-wash suppers at 6. The show begins at 7, and it's free to members on Oct. 1.

IT—is time again to gather together for Together tomorrow night at Soul Session. Members are free, guests a buck, and it swings from 9 to 1.

OUT—under the sky, amongst the trees, with scenic panoramas. What a place for a hike. Best of all, it's all downhill! It's the Ski Club's Sandia Peak Walkdown-and-Throw-Rocks-Off-the-Trails, and it's free



to members (that includes the chair ride up from the lower terminal—East Side—and hamburgers and drinks after). In fact, it's mandatory for members. (Around Sandia, anything that's not proscribed is prescribed.) Guests are \$2 each (but single Ski Club members can bring *one* guest free). Dress warmly. Reserve by Monday with Don Schroeder.

THE—people who missed the first square dance lesson on Monday can still get in on the 20-lesson series. \$20 per head payable in two installments: just about the cheapest, healthiest vice around. Not sure? The next two lessons are free! Come out and try.

ONLY—\$2.15 for movies at Cinema I II III and Wyoming Mall with discount tickets from the Club. Buy them by the bunch.

TIME—for all the potential spooks, ghouls, and witches out there to come out of hiding. The Club needs some Kids' Halloween Party Chamber of Horrors people-monsters. Call the Club, leave your name, and you'll be contacted appreciatively.

I—hear the Sanadoes decided to invade northern New Mexico a day earlier than planned. Watching the weavers in Chimayo is much more fun that watching weavers on the dancefloor—or the highway. Call Roberta at 255-6968 or Judy at 299-1956 for reservations for the 29th now, Sanadoes.

SUCCEED—in your new career as entertainer-educator. Sign up to show off your travel movies and slides and your narration at an upcoming Travelogue Night. Most amateur photographers take a dim view of things, but you can become another Lowell Thomas if you're good. Call the Club and leave your name and travelogue subject. (No, not the slides of Aunt Minnie at the nudist camp.)

IS—Christmas in the Caribbean attractive? How about a Club Cruise on Jan. 7-14? During Christmas—New Year there are 13 ships with 21 sailings from 3 ports going on 16 different itineraries at a variety of accommodations and rates. The Club Cruise begins and ends at San Juan, Puerto Rico, with stops at Curacao, Caracas, Trinidad, Martinique, and St. Thomas. Prices begin at \$925 including air fare from Albuquerque. Don't wait—inexpensive accommodations go early.

WHEN—party conversation turns toward the Orient, do you have to recall fourth grade geography to contribute to the conversation? Become an overnight (well, over-fortnight) Sinologist. Get in on includes RT air, luxurious lodging, parties, and lots of time for touring, sightseeing, shopping. From \$909.

SOMEONE—who hasn't checked the school schedule may wonder why Disneyland on Oct. 27-30. Simple. It's Teacher's Convention Time, so the only people at Disneyland will be us Albuquerqueans. See Marineland (but not Camp Pendleton) and Universal Studios too. RT air fare, lodging, surface transportation (not motorized skateboards). From \$207 down (\$125 for the kids).

*ELSE*—is not an easy word with which to begin a sentence. Maybe: Act now to get in on the Trinity Site—White Sands—Carlsbad Caverns (they're not bad at all, actually). *Else* you'll miss the Trinity Site—

HOT FLASH-The Annex Pool is still open for lap swimming and will stay open as long as the weather cooperates.

White Sands, etc. Coach fare (airplanes, after all, are of no earthly use), entrances, overnight lodging, fun. Only \$35 per head; bodies free. This is absolutely the LAST CALL!

GETS—a little embarrassing, doesn't it, to realize you've missed all three Cumbres and Toltec Narrow Gauge Railroad trips this year. (Beauty queens up there are called"Chama Chamas.") Survive till next year, and we'll offer it again. And you can join the 604 nice people (and a couple of crabs) who rode the train this year. Nothing like being on the right track.

CARELESS-writers often put a whole bunch of unrelated ideas into one paragraph. Faithful readers of this column know that can't happen here. (We were planning a noon-time parade of Faithful Readers in honor of our leaving for Points West, but one was sick and the other didn't want to come out alone.) Congrats to new Board Member Bruce Shevlin. And, husbands, hang on to your wives. Bruce was named correspondent in 30 divorce suits in Bernalillo County in the past month. They call him the Lone Estranger. Coming up in October: A fantastic Oktoberfest and Hoffbrau on the 29th; a swinging Single Mingle, with Shevlin replacing Hawkinson in the line-up on the 7th; a ski sale; other good stuff. My leaving will, of course, have all the repercussions of a tide in a test tube (alas!) (which is an early Victorian version of "Oh hell!"). True, I'm modest. But then, I have a great deal to be modest about. So goodbye!

MORE INFO-265-6791.

the Club's Hong Kong package. Basic price

# **Events Calendar**

Sept. 23-25—"The Merchant of Venice," Classics Theatre Co., Popejoy Hall, 277-3121.

Sept. 23 - Oct. 23—"Two and Two," Barn Dinner Theatre, 281-3338.
Sept. 25—San Jose Fiesta, Laguna Pueblo, harvest dance.

Sept. 29, 30—San Geronimo Fiesta, Taos Pueblo. Sept. 30-UNM Music Dept. Chamber Music for Strings and Winds, Keller Hall, 8:15 p.m.

Sept. 30, Oct. 1, 2, 7-9, 14-16—Ionesco's "MacBett," Vortex Theatre, 106A Vassar SE, 8 p.m.

Oct. 1, 2—New Mexico Gun Collectors Assn. Gun Show, Convention Center, 9 a.m. - 6 p.m.